



INSTALLATION STATUS REPORT (ISR) ENVIRONMENT

**Centralized Training
Dallas, Texas**

12 - 16 Jan 2004

Understanding the ISR2 Process

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ISR ENVIRONMENT

Utility Statement

The Installation Status Report (ISR) Environment is a management tool for commanders and leaders at all levels from installation to HQDA that measures installation readiness as impacted by environmental conditions.

The tool also assesses macro-level conditions of the installation environmental program against Army and DoD standards derived from Army short-term and long-term objectives, DoD Measures of Merit, and other management indicators. To the maximum extent possible, the tool should allow for an assessment that is measurable and outcome oriented.

It is used to improve justification and prioritization of limited resources by providing a linkage between standards and funding requirements.



ISR Quality and Quantity

The ISR Assesses Quality And Quantity Against Recognized, Army-Wide Standards

	Quality	Quantity
Infrastructure	Facility condition versus standard	Amount on hand vs required
Environment	Environmental condition of a media versus standard	Resources on hand (Dollars and manpower) versus requirements
Services	How well service is being performed	TBD

- Provides Macro-Level Costs
- Communicates Installation Conditions
- Based on Continually Refined Army-wide

Standards

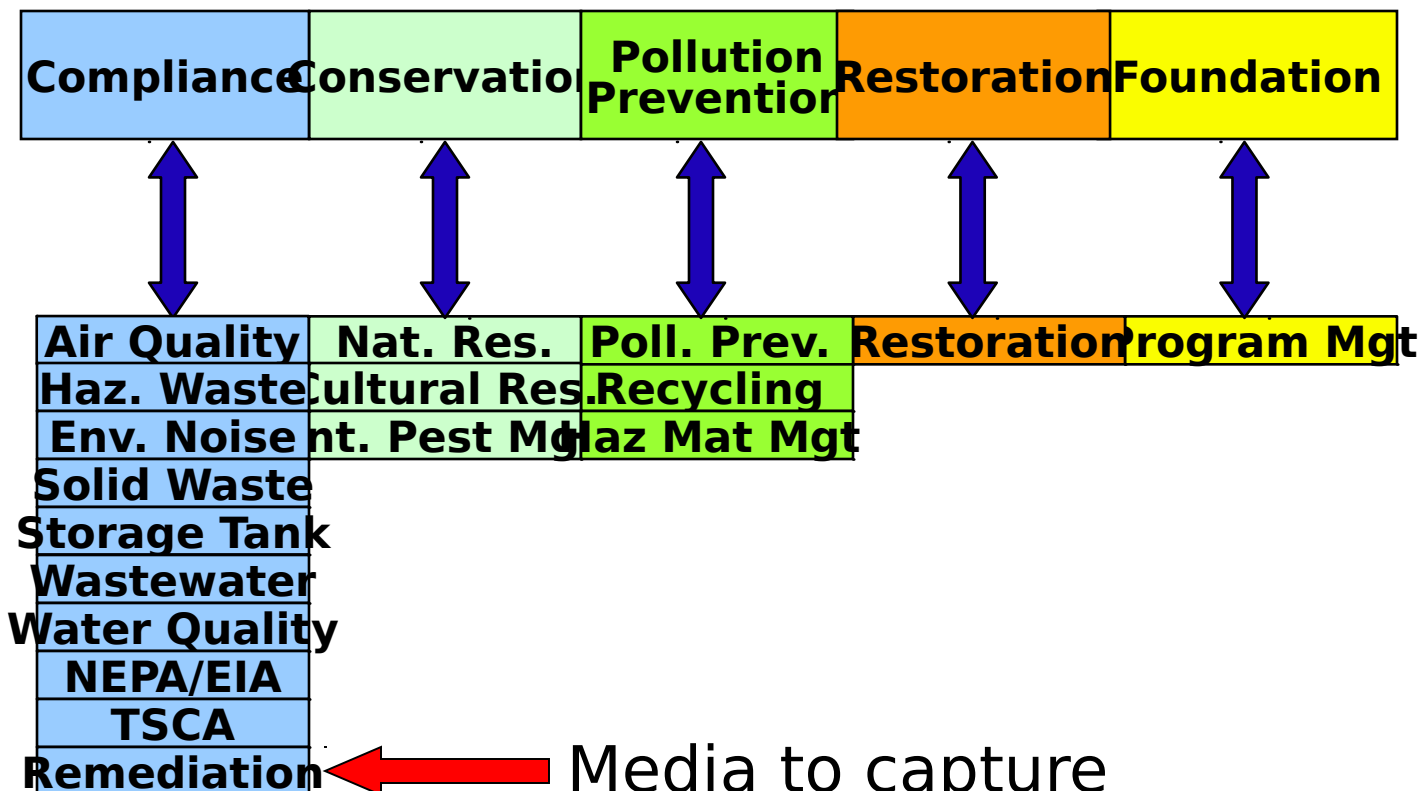
Number of Standards

	1997-1999	2000- 2002	2003
Compliance	350	229	95
Air Quality Management	28	19	11
Hazardous Waste Management	34	27	11
Environmental Noise	26	29	3
Solid Waste Management	24	21	10
Storage Tank Management	30	17	11
Wastewater and Storm Water Management	34	29	11
Water Quality Management	35	28	14
Contingency Planning/POL Management	27	21	
Lead Management	22		
Asbestos Management	21		
Radon Management	17		
PCBs	20		
NEPA/Environmental Impact Analysis (EIA)	32	19	4
Toxic Substances Control Act (TSCA)		19	9
Remediation			11
Conservation	125	74	16
Integrated Natural Resource Management	24	27	7
Threatened and Endangered/Host Nation Protected Species	31	11	
Cultural Resources Management	24	21	6
Integrated Pest Management	26	15	3
Wetlands	20		
Restoration	29	23	9
Restoration Management	29	23	9
Pollution Prevention	76	45	12
Pollution Prevention			7
Recycling and SW Diversion	26	13	2
Hazardous Materials Management	25	16	3
Toxic Release/Waste Reduction	25	16	
Foundation	40	30	19
Program Management	40	30	19
Total Standards	620	401	151



Pillar/Media Setup

Five Pillars



Media to capture
OCONUS/NGB Cleanup projects



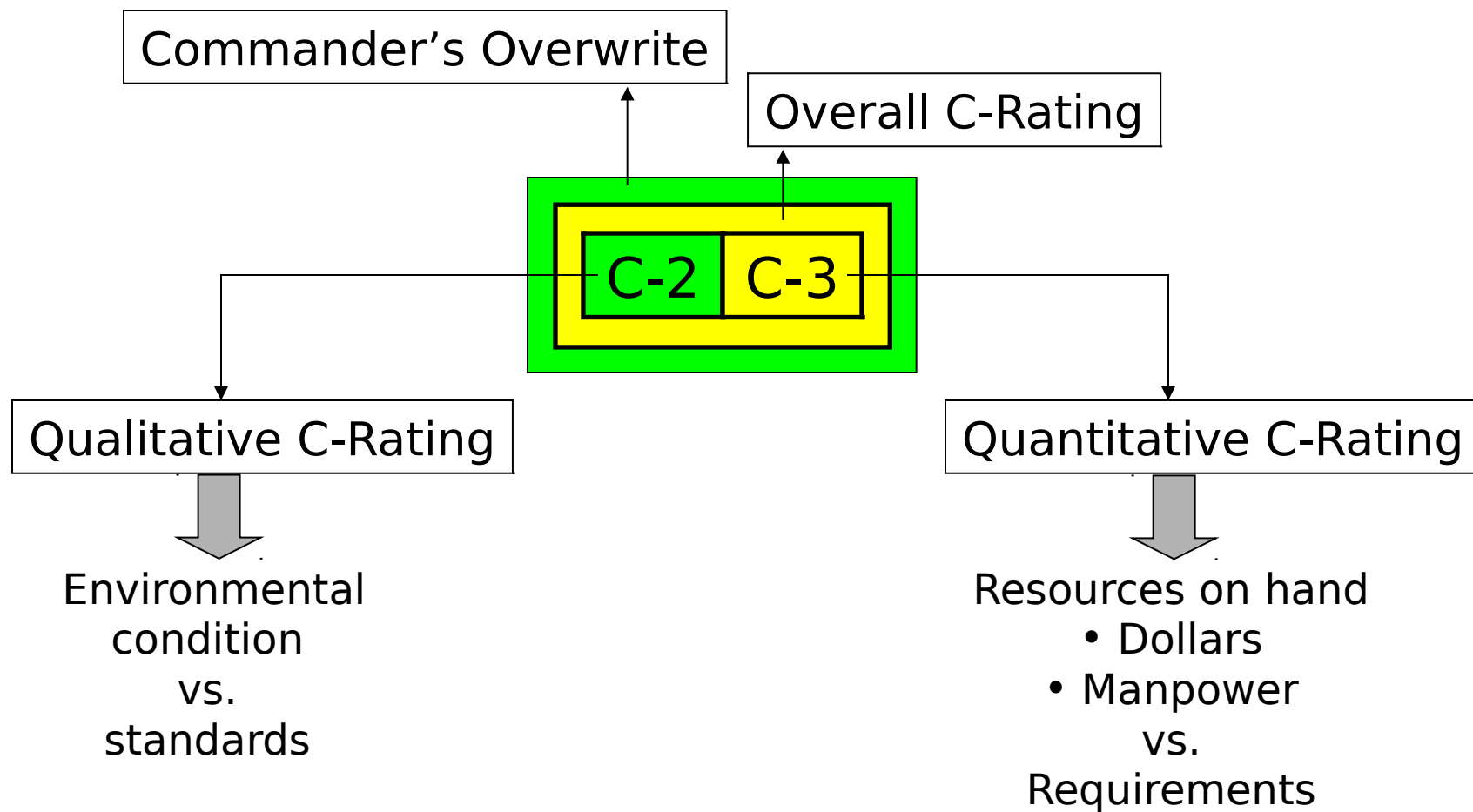
Understanding ISR Ratings

What do the chiclets mean?

Brief description of algorithms



The ISR Chiclet





2004: C-rating Algorithms

	Quality
C-1	100% Green
C-2	~~% Green > % Amber, and No Red~~ Green >= 80% and Red <= 5%
C-3	~~0 to <25% Red and % Amber > % Green~~ All other
C-4	=>25% Red

All of the ISR Environment media except Program Management and Restoration will have one standard, for Funding.

The Quantitative C-rating for these media shall be determined as follows:

	Quantity
C-1	100% of Must Funds and >0% Non-Must Fund obligated
C-2	>90% to 100% Must Funds
C-3	>80% to <=90% Must Funds
C-4	<=80% Must Funds



2004 - C-rating Algorithms

	Quality
C-1	100% Green
C-2	~~% Green > % Amber, and No Red~~ Green >= 80% and Red <= 5%
C-3	~~0 to < 25% Red and % Amber > % Green~~ All other
C-4	=>25% Red

Examples: Assume 10 Qualitative standards:

- If 9 green, 1 N/A then C-rating = C-1
- If 9 green, 1 red then C-rating = C-3
- If 6 green, 3 amber, 1 N/A then C-rating = C-3
- If 8 green, 2 amber, then C-rating = C-2
- If 6 green, 2 red, 2 N/A, then C-rating = C-4



2004 C-rating Algorithms

C-Rating	Must Fund Obligations	Non-Must Fund Obligations
C-1	100% or N/A	>0 (requirements >0 and obligations >0)
C-1	100%	N/A (requirements =0)
C-2	100% or N/A	0% (requirements >0 and obligations =0)
C-2	>90% to <100%	NC
C-3	>80% to <=90%	NC
C-4	<=80%	NC
N/A	N/A	N/A

N/A: Requirements = \$0

NC: Not considered

Example:

C-Rating = C-2

Must Fund: Obl = \$9,500 / Req = \$10,000

Non Must Fund: Obl = \$1,000 / Req = \$5,000



2004 C-rating Algorithms

To determine the **ISR adjusted** Requirement for a single object:

If Project Progress Code = 5 (Complete), then set requirement equal to obligation.

Then if Progress Code is not equal to complete, but

Obligated $\geq$
50% of EPRWeb Required, then set the requirement equal to the obligation.

Else use EPRWeb required as the requirement.

This calculation will impact only the funding standard. It will not impact the Five-year funding window, nor the calculation of Non-must fund requirements.

EPRWeb data will be used to calculate % obligated for non-must fund



Funding Algorithm Example

Must Fund Projects

Project Name	Progress Code	Requirement in EPR	Obligation in EPR	Final Requirement for ISR Funding Standard Computation
Project A	4	\$200,000	\$150,000	\$150,000
Project B	5	\$450,000	\$350,000	\$350,000
Project C	5	\$200,000	\$200,000	\$200,000
Project D	1	\$50,000	\$0	\$50,000
Project E	5	\$100,000	\$20,000	\$20,000
Project F	2	\$50,000	\$20,000	\$50,000
Project G	5	\$100,000	\$180,000	\$180,000
Total		\$1,150,000	\$920,000	\$1,000,000

Via EPR Requirement C-rating would be C-4

Via ISR Adjusted Requirement C-rating is C-2



2003 C-rating Algorithms

Program Management Media

Program Management has two Quan standards:

1. Funding
2. Personnel.

The Personnel standard collects the following quantitative data elements: # of recognized required environmental FTEs; # of authorized FTEs; and # of filled FTEs.

Data Element 0 is the number of Authorized FTEs as of the most recent FY, and Data Element 1 is the number of Filled FTEs as of the most recent FY. The actual calculation is filled to authorized positions or Data Element 0/Data Element 1. This ratio/percentage translates into a **color rating** as follows:

Green $\geq 85\%$,

Amber $\geq 75\%$ and $< 85\%$,

Red $< 75\%$.

Restoration Media

Restoration has no quantitative C-rating.



Quantitative Rating Program Management

	Quantity
C-1	100% of Must Funds and >0% Non-Must Fund obligated
C-2	>90% to 100% Must Funds
C-3	>80% to ≤90% Must Funds
C-4	≤80% Must Funds

		Personnel			
		Green	Amber	Red	N/A
Funding	C-1	C1	C2	C3	C1
	C-2	C2	C3	C4	C2
	C-3	C3	C3	C4	C3
	C-4	C4	C4	C4	C4
	N/A	C1	C3	C4	N/A



Calculation of Mission Impact Rating

(See Appendix B of “Implementing Instructions”)

There are 22 qualitative standards identified as Mission Impact Standards that require DPT-M or equivalent input. (See Appendix A of “2004 Standards and Instruction Package”, for complete list of Mission Impact Standards). Most installations will have multiple military units who need to answer the Mission Impact standards for ISR 2

To determine the installation’s Consolidated Mission Impact status, it is necessary to condense all the individual unit responses to the standards (Unit Mission Impact Report) into a single installation response for each standard question (Consolidated Mission Impact Report).



Calculation of Mission Impact Rating

Your installation has four individual units that will be answering the Mission Impact standards and forms. In the Air Quality Management media you receive the following responses on the Unit Mission Impact Reports:

12th Brigade - Red = 1 (points)

14th Brigade - Amber = 2 (points)

5th Brigade - Amber = 2 (points)

9th Brigade - Green = 3 (points)

Total: 8 (points)

(8) points divided by (4) units responding equal 2.00 (Average)

Use the qualitative standard rating criteria (below). Applying this methodology when consolidating mission ratings will assure consistency and objectivity.

Consolidated Mission Rating Scoring

ISR Color Point Values:

GREEN = 3.0
AMBER = 2.0 to 2.9
RED = 1.0 to 1.9

TOTAL SCORE = 8
AVERAGE SCORE = 2.0

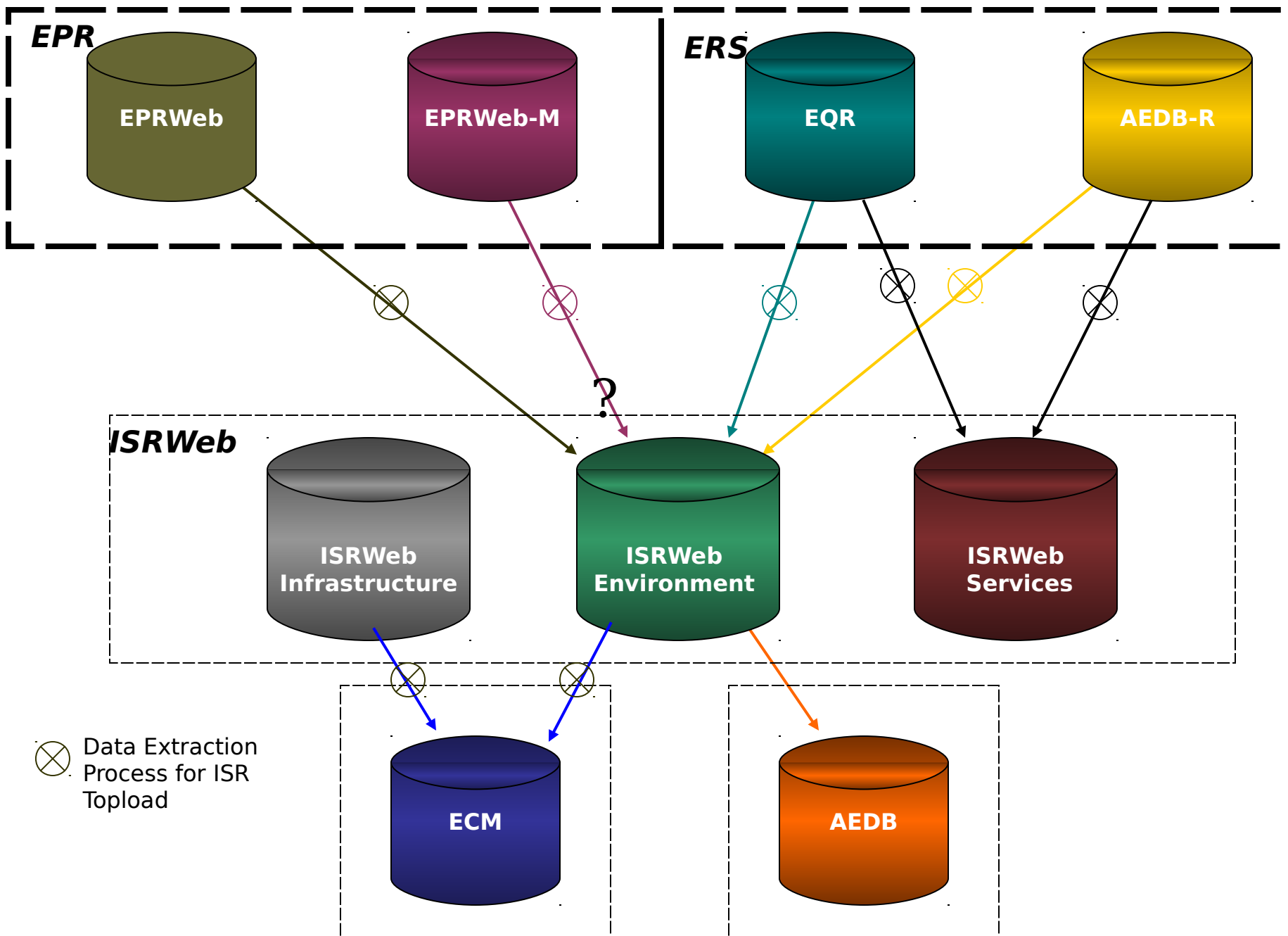
Consolidated Mission Rating = **AMBER**

NOTE: Amber and Red responses in most cases require a Commander's Comment, as indicated in the Standards and Instruction document.

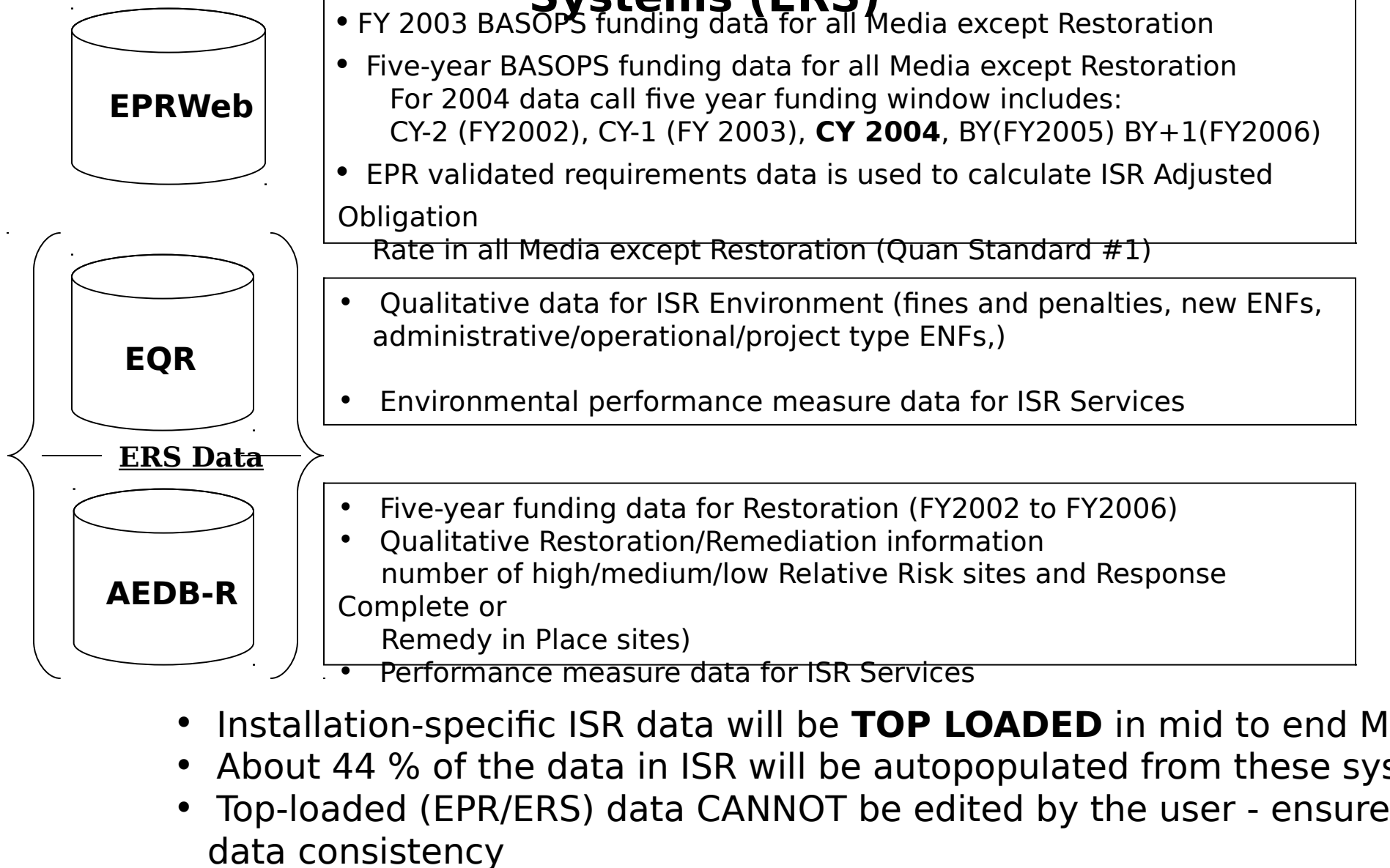


Data from the Feeder Systems

ISRWeb, EPRWeb and other Environmental Reporting Systems (ERS) D



Auto Population of Data from EPR and other Environmental Reporting Systems (ERS)





Data Extraction Process

Data Availability and Extraction

- HQDA update/approve the EPRWeb/EQR/AEDB-R – ISRWeb installation cross-walk lists.
 - Feeder system data availability
 - Once data is locked Booz Allen receives feeder system locked data bases for the data extraction.
 - Data extraction
 - Data extraction is based on the HQDA approved cross-walk list
(~ 4,000 EPRWeb Installations are cross-walked to 217 ISR Installations).
 - As an example, over 1,200,000 funding and 340,000 project records of EPRWeb are queried to extract the ISRWeb 5-year funding data.
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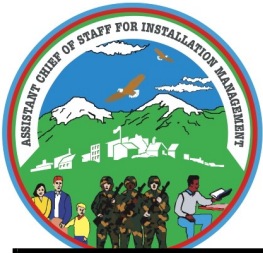
Top-load of Must Fund Standard

(in all media except Restoration)

- Data is **TOP LOADED** from EPRWeb to ISRWeb based on an automated algorithm.
- Validated Locked Fall EPRWeb database is used for auto-population.
- By default an algorithm assigns each project to a media based on Law/Reg, ECAT, etc. The user has the option to edit some ambiguous media designations that require validation.
- The imported requirements and obligation data are locked and the user CANNOT edit them.
- Auto-population ensures that:
 - Installation users are not entering duplicative data
 - EPRWeb and ISRWeb data are internally consistent.



Installation Submission Process



2004 Data Call - Timeline

ISR Env. Program 2004/2005 Milestones	2004								2005			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2004 Reporting Cycle												
Data Call Open												
Regions/MACOMs Submit Data to ACSIM												
QA Review												
After Action Review												
ISR Databases Locked												
ISR 2003 Data Analysis and Reports												
2005 Reporting Cycle												
Standards/Process Review												
Software Requirements, Development & Testing												
Data Call Opens												



Installation Submission Process

- Establish ISR Environment web accounts.
- Read the 2004 Implementing Instructions and Standards & Instruction Packages.
- Do NOT wait for the top-loading to occur. Users should proceed with data entry, and upon notification start validating EPRWeb/ERS projects.
- EPRWeb/ERS data will be top-loaded in ISR during mid to end of Mar 2004.
- Validate/change media assignments for selected EPRWeb projects and complete the import.
- Users will NOT be able to edit/change any top loaded data (both EPR and ERS data). Address issues in Commander's comments.



Installation Submission Process

- Complete the standards evaluation for each media. Ensure that the Director of Planning Training, and Mobilization (DPT-M) completes the mission impact standards.
- Incorporate any required or appropriate Commander's comments.
- Print the “Commander's Installation Status Report” and request the Commander's review and signature. Ensure all changes are made to the completed data file, and that the data is accurate and correct.
- Complete the validation and transfer data to next level for review and approval.



ISR Assistance

ISR Helpline:

Phone: (703) 377-0552

Fax: (703) 902-3660

Email: helpline_isr@bah.com

Hours: 0800-1700 M-F EST

WEB SITE:

<http://isr.hqda.pentagon.mil>

Available for download from web site:

- **Standards and instruction package**
- **Implementing instructions**
- **Software user's manuals**

